

Results of the measurements of radioactivity in agricultural, forestry and fishery products
in Miyagi Prefecture

The Miyagi Prefectural Government has conducted the measurements of radioactivity in the agricultural, forestry and fishery product samples taken in Miyagi Prefecture. The results of the measurements are as follows.

1. Measurement date

20~27 December, 2011

2. Facility that conduct the measurement and analysis

Facility	items	Detection limit (Bq/Kg)
Tohoku Ryokka Kankyohozen, Inc.	Mushroom	20~40
Japan Chemical Analysis Center	Fishery Products	0.37~5.1
Japan Frozen Foods Inspection Corporation	Fishery Products	0.46~0.85

3. Results of the measurement

Log-Grown Shiitake mushroom (*Lentinula edodes*) (Outdoor grown, Shiroishi City) exceeds the provisional regulatory value for radioactive Cesium (Detailed information is attached (Omitted). Because Log-Grown Shiitake mushroom, harvested in Shiroishi City, exceeded the value in last week too, the government has called on farmers to voluntarily refrain from shipping.). Other all the measurement values for agricultural, forestry and fishery products are below the provisional regulation value; the safety of these products is confirmed. The radioactivity values shown in the table below are as of the sampling date.

“Not detectable” means that radioactivity is below the detection limit.

*Please see the website “Radiation Information Site Miyagi” to search detection limit of each item.

(い)omitted

(□) Fishery products (sampling date: 18 – 20 December)

(Unit: Becquerel/kg)

Species	Sampling site	Area	Radioactive iodine		Radioactive cesium	
			Measurement value	Provisional Regulation Value provided in the Food Sanitation Act	Measurement value	Provisional Regulation Value provided in the Food Sanitation Act
Black rockfish (<i>Sebastes schlegeli</i>)	Offshore Miyagi	North of Kinkasan	Not detectable	2000	7.3	500
Giant Pacific octopus (<i>Paroctopus dofleini</i>)	Offshore Miyagi		Not detectable		Not detectable	
Stone flounder (<i>Kareius bicoloratus</i>)	Offshore Miyagi		Not detectable		55	
Olive flounder (<i>Paralichthys olivaceus</i>)	Offshore Miyagi		Not detectable		19.1	
Pacific cod (<i>Gadus macrocephalus</i>)	Offshore Miyagi		Not detectable		65	
Rockfish (<i>Sebastes ventricosus</i>)	Offshore Miyagi		Not detectable		7.4	
Chum salmon (<i>Oncorhynchus keta</i>)	Offshore Southern Sanriku		Not detectable		Not detectable	
Southern mackerel (<i>Scomber australasicus</i>)	Offshore Southern Sanriku		Not detectable		7.6	
Japanese jack mackerel (<i>Trachurus japonicas</i>)	Offshore Southern Sanriku		Not detectable		8.2	
Japanese flying squid (<i>Todarodes pacificus</i>)	Offshore Southern Sanriku		Not detectable		Not detectable	
Blackfin flounder (<i>Glyptocephalus stelleri</i>)	Offshore Miyagi	South of Kinkazan	Not detectable		Not detectable	
Brown hakeling (<i>Physiculus maximowiczii</i>)	Offshore Miyagi		Not detectable		3.6	